

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S58	1586	(conduct\$3 connect\$3 contact\$3 intercon??ct\$3 inter-con??ct?\$3) and (iodine near2 (layer surface film plate)) and (@ad<"20030225"@riad<"20030225")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/04/30 16:14
S59	11	((US-20070082132-\$ or US-20040166658-\$ or US-20030168627-\$ or US-20030081463-\$ or US-20050087447-\$).did. or (US-6482740-\$ or US-6248655-\$ or US-3881884-\$ or US-7041596-\$ or US-6182500-\$ or US-3975195-\$).did.	US-PGPUB; USPAT	OR	ON	2008/05/01 13:05
S60	16703	438,622,627,643,650-654,628,629,638,641-644,674,680-688,678,256,399,485,597.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:10
S61	12429	S60 and (@ad<"20030225"@riad<"20030225")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:11
S62	95	S61 and ((iodine "I.sub.2" halogen) near2 (layer film plate sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:12
S63	94	S62 and (conduct\$3 connect\$3 contact\$3 intercon??ct\$3 inter-con??ct?\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:13
S64	61	S62 and (copper "Cu")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:13
S65	3	S62 and (Ruthenium "Ru")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:14
S66	31	S62 and ((corros\$3 degradat\$3 oxidiz\$3 oxidat\$3) with (metal\$3 copper "Cu"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:15

S67	2	S62 and ((iodine "I.sub.2" halogen) protect\$3 prevent\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 13:15
S68	9	S62 and ((iodine "I.sub.2" halogen) adj (layer film plate sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 14:29
S69	734	S61 and ((Ruthenium "Ru")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 14:30
S70	575	S69 and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 14:31
S71	116	S70 and ((copper "Cu") same seed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 14:31
S72	12	S71 and ((iodine "I.sub.2" halogen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 14:31
S73	224	S61 and ((Ruthenium "Ru") with barrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 15:58
S74	87	S73 and ((Ruthenium "Ru") near3 barrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 15:59
S75	85	S74 not (S67 S66 S68 S72)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 15:59
S76	25	S75 and ((copper "Cu") with seed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 16:00
S77	6	S76 and (halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 16:54

S78	2637	S61 and ((halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:10
S79	927	S78 and ((halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine) same (cap protect\$3 prevent\$3 corros \$4 contaminat\$3 degradat\$3 oxidiz\$3 oxidat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:12
S80	549	S79 and ((halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine) with (cap protect\$3 prevent\$3 corros \$4 contaminat\$3 degradat\$3 oxidiz\$3 oxidat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:12
S81	273	S80 and ((halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine) near3 (cap protect\$3 prevent\$3 corros\$4 contaminat\$3 degradat\$3 oxidiz\$3 oxidat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:13
S82	22	S81 and ((copper "Cu") near3 seed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:13
S85	16	S82 and ((cap protect\$3 prevent\$3 corros\$4 contaminat\$3 degradat\$3 oxidiz\$3 oxidat\$3) near4 (copper "Cu"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:15
S86	71	S78 and ((cap protect\$3 prevent\$3 corros\$4 contaminat\$3 degradat\$3 oxidiz\$3 oxidat\$3) near4 expos\$3 near2 (copper "Cu"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:37
S87	70	S78 and ((cap protect\$3 prevent\$3 corros\$4 degradat\$3 oxidiz\$3 oxidat \$3) near4 expos\$3 near2 (copper "Cu"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:37
S88	8	S78 and ((cap cover\$3) near4 expos \$3 near2 (copper "Cu"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:37
S89	8	S78 and ((cap cover\$3) near4 expos \$3 near2 (copper "Cu" seed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:38
S90	196	S61 and ((halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine) with (cap\$4 cover\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:50

S91	24	((S90 not (S66 S67 S68 S72 S89)) and ((copper "Cu") same seed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 17:51
S92	167	((halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine) with (cap \$4 cover\$3)) and ((copper "Cu") with seed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 18:03
S93	62	(S92 not (S66 S67 S68 S72 S89 S91)) and (@ad<"20030225" @riad<"20030225")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 18:04
S94	641	((halogen iodine "I.sub.2" Fluorine Chlorine Bromine Astatine) with (cap \$4 cover\$3 passivat\$3)) and ((copper "Cu") near2 (exposed surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 18:14
S95	370	(S94 not (S66 S67 S68 S72 S89 S91 S93)) and (@ad<"20030225" @riad<"20030225")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 18:15
S96	122	S95 and ((cap\$4 cover\$3 passivat\$3) same ((copper "Cu") near2 (exposed surface)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 18:15
S97	84	S96 and ((cap\$4 cover\$3 passivat\$3) with ((copper "Cu") near2 (exposed surface)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 18:16
S98	3	S97 and (ALD monolayer monoatom \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/01 19:19
S99	10	((copper "Cu") with (diffus\$3 resurf) with (Co-W-B CoMo-B Co-Mo-W-B))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/12/07 17:17
S100	9	((copper "Cu") with (penetra\$5) with (Co-W-B CoMo-B Co-Mo-W-B))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/12/07 17:17
S101	9	((copper "Cu") same (penetra\$5) same (Co-W-B CoMo-B Co-Mo-W-B))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/12/07 17:18

S102	9	((copper "Cu") with (penetra\$5)) and (Co-W-B CoMo-B Co-Mo-W-B)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/12/07 17:18
S103	37	((copper "Cu") with (migrat\$5)) and (Co-W-B CoMo-B Co-Mo-W-B)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/12/07 17:19
S104	0	((copper "Cu") with (migrat\$5)) with (Co-W-B CoMo-B Co-Mo-W-B)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/12/07 17:19
S105	5	((silver "Ag") with (penetra\$5 resurf \$4 migrat\$5)) and (Co-W-B CoMo-B Co-Mo-W-B)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/12/07 17:49

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